

[2] **Water Equivalents (continued)**

1 cfs for 24 Hours = 1.9835 Acre-Feet
 for 30 Days = 59.5 Acre-Feet
 for 1 Year = 723.97 Acre-Feet
 1 Million Gallons = 3.0689 Acre-Feet
 1 Million Gallons per Day (mgd) = 1,120 Acre-Feet per Year
 1 mgd = 1.55 cfs
 1,000 gpm = 4.42 Acre-Feet per Day

[3] **Discharge/Flow Equivalents**

<u>Unit</u>	<u>Equivalent</u>
U.S. Gallon per Day	0.134 Cubic Feet per Day 6.94 X 10 ⁻⁴ Gallons per Minute 3.07 X 10 ⁻⁶ Acre-Feet per Day 1.55 X 10 ⁻⁶ Cubic Feet per Second 4.38 X 10 ⁻⁸ Cubic Meters per Second
Cubic Foot per Day	7.48 Gallons per Day 5.19 X 10 ⁻³ Gallons per Minute 2.30 X 10 ⁻⁵ Acre-Feet per Day 1.16 X 10 ⁻⁵ Cubic Feet per Second 3.28 X 10 ⁻⁷ Cubic Meters per Second
U.S. Gallon per Minute	1,440.0 Gallons per Day 193.0 Cubic Feet per Day 4.42 X 10 ⁻³ Acre-Feet per Day 2.23 X 10 ⁻³ Cubic Feet per Second 6.31 X 10 ⁻⁵ Cubic Meters per Second
Acre-Foot per Day	3.26 X 10 ⁵ Gallons per Day 43,560.0 Cubic Feet per Day 226.0 Gallons per Minute 0.504 Cubic Feet per Second 0.0143 Cubic Meters per Second
Cubic Foot per Second	6.46 X 10 ⁵ Gallons per Day 86,400.0 Cubic Feet per Day 448.83 Gallons per Minute 1.98 Acre-Feet per Day 0.0283 Cubic Meters per Second
Cubic Meter per Second	2.28 X 10 ⁷ Gallons per Day 3.05 X 10 ⁷ Cubic Feet per Day 15,800.0 Gallons per Minute 70.0 Acre-Feet per Day 35.3 Cubic Feet per Second